

## **AMENDMENTS TO THE SPECIFICATION**

Please replace the paragraph beginning on page 12, line 8 and ending on page 12, line 22 with the following paragraph rewritten in amendment format:

An alternative embodiment is illustrated in *Figure 10*. A deformable resilient element **1001** is responsive to deformation in two dimensions, illustrated by a first arrow **1002** and a second arrow **1003**. The device has a substantially square cross-section defining four surfaces; a first **1004** and a second **1005** surface are shown in the Figure, with a third **1006** and a fourth surface **1007** being on the reverse side. Each surface **1004** to **1007** has an electroconductive fabric portion applied thereto; shown in *Figure 10* is fabric **1008** applied to surface **1004** and fabric **1009** applied to surface **1005**. An electrical terminal is connected to the bottom of each ~~conductive~~ electroconductive fabric ~~1004 to 1008~~; shown in *Figure 10* is terminal **1010** applied to conductive fabric **1008** and terminal **1011** applied to conductive fabric **1009**. The conductive fabrics are electrically connected towards the top of the device, in this example by means of a conductive band **1012**. Other connection means include adhering or stitching the conductive portions together directly or via a conductive ring.

Please replace the paragraph beginning on page 21, line 11 and ending on page 21, line 22 with the following paragraph rewritten in amendment format:

An alternative shape format for a deformable input device is illustrated in *Figure 22*, in the form of a hemisphere. Input device **2201** utilises two strips of electroconductive material **2202** and **2203**, operatively coupled with the domed surface of the hemisphere. As shown, each of the conductive tracks **2202**, **2203** extend over

the domed surface between opposite ends of a diameter of the substantially planar base of the hemispherical input device **2201**. The strips **2202**, **2203** are arranged substantially perpendicular, with a region of electric contact, indicated by shaded region **2204**, between the two strips **2202**, **2203**, in the region of the apex of the domed surface. This arrangement ~~and~~ is similar to that of the deformable input device described with reference to, and as illustrated in, *Figure 10*, and may utilize a similar scanning sequence during operation.

Please replace the paragraph beginning on page 23, line 24 and ending on page 24, line 9 with the following paragraph rewritten in amendment format:

*Figure 25* shows deformable input device **2401** following movement of the conductive ring **2406** from the at rest position. It can be seen from this ~~Figure~~ figure that conductive strips **2402** and **2405** are now shorter than in the at rest position and conductive strips **2403** and **2404** are now longer than in the at rest position. Thus, moving the conductive ring **2406** from the at rest position causes each of the strips **2402**, **2403**, **2404**, **2405** to experience internal changes in tension and length. In this way, the input device **2401** is responsive to shear forces. By establishing a voltage gradient across opposed pairs of conductive strips, in this example across strips **2402** and **2404** or strips **2403** and **2404**, and taking a voltage reading from one of the other pairs of strips, an extent of manually applied pressure and a direction of manipulating movement relative to the at rest condition can be determined.

Please replace the paragraph beginning on page 24, line 12 and ending on page 25, line 1 with the following paragraph rewritten in amendment format:

An alternative embodiment of deformable input device is illustrated in *Figure 26*. Input device **2601** takes a similar form to input device **2401**, having a similar two-dimensional format and a frame **2602**. However, input device **2601** differs in that it utilizes a layer of elastic electroconductive fabric **2603** to which four point electrical terminals ~~**2603, 2604, 2605 and 2606**~~ **2604, 2605, 2606 and 2607** are connected. The four electrical terminals ~~**2603, 2604, 2605, 2606**~~ **2604, 2605, 2606, 2607** allow deformation to be detected in two axes, as described above with reference to *Figure 10*. This type of arrangement is configured to detect manipulation of any area of the electroconductive material **2603**. Dotted line circle **2608** indicates a notional starting position. In addition, the deformable resilient element of the input device **2601** and the electroconductive material of the input device **2601** are both provided by the layer of elastic electroconductive fabric **2603**. Thus, these two elements of the deformable input device may be operatively coupled by virtue of the elements being combined in a single layer. Optionally, however, an additional stretch cover, indicated generally by dotted line **2609**, may be provided.

Please replace the paragraph beginning on page 25, line 2 and ending on page 25, line 6 with the following paragraph rewritten in amendment format:

In the shown arrangement, the frame **2602** takes the form of a substantially square backing board, with one point contact ~~**2603, 2604, 2605, 2606**~~ **2604, 2605, 2606, 2607** positioned substantially half way along each side. With this arrangement,

voltage swing is less detectable at the corner regions of the frame area than in the centre of the frame **2602**.